

### 3. (b) APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency column indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown using the following codes: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

**Table VII – A**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S1 – SLUDGE GAS BURNER (FLARE)**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014/2015 compliance status
Opacity	BAAQMD 6-1-301	Y		Ringelmann 1.0 for < 3 minutes in any hour	BAAQMD 6-1-401	P/E	Visible Emissions Check	CC
FP	BAAQMD 6-1-310	Y		0.15 gr/dscf	BAAQMD 6-1-401	P/E	Visible Emissions Check	CC
SO <sub>2</sub>	BAAQMD 9-1-301	Y		GLC <sup>1</sup> ≤ 0.5 ppm for 3 min or ≤ 0.25 ppm for 60 min or ≤ 0.05 ppm for 24 hours	None	N	NA	NA
SO <sub>2</sub>	BAAQMD 9-1-302	Y		SO <sub>2</sub> shall not exceed 300 ppm (dry)	Condition # 18329, Parts 6 and 7	P/W	monitoring of digester gas hydrogen sulfide	NA

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII – A**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S1 – SLUDGE GAS BURNER (FLARE)**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
H <sub>2</sub> S	Condition # 18329 Part 6	Y		2,250 ppm	Condition # 18329, Parts 6 and 7	P/W (Monthly monitoring, as allowed per VI, Permit Conditions, Condition #18329, No. 7)	Monitoring of digester gas hydrogen sulfide	CC
H <sub>2</sub> S	BAAQMD 9-2-301	N		Property Line Ground Level Limits: ≤ 0.06 ppm, averaged over 3 minutes and ≤ 0.03 ppm, averaged over 60 minutes	BAAQMD 9-2-501 9-2-602	C	Area Monitoring	NA The District has not notified SFO that the monitoring is required
POC	BAAQMD 8-2-301	Y		15 lb/day and greater than 300 ppm total carbon	None	N	None	<u>NA</u>
Hours of Operation	Condition # 18329 Part 4	Y		At all times abating S170	BAAQMD Condition # 18329 Part 5	P/E	Records	Y

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII – C**  
**S8 – REVERSE AIRFLOW AUTO-TRACK SPRAY BOOTH**  
**S9 – CUSTOM AIR AUTO SPRAY BOOTH**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Opacity	BAAQMD 6-1-301 SIP 6-301	Y		Ringelmann 1.0 for < 3 minutes in any hour	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y
FP	BAAQMD 6-1-310 SIP 6-310	Y		0.15 gr/dscf	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y
VOC	BAAQMD 8-19-302	Y		Air-Dried Coatings VOC $\leq$ 340 g/l (2.8 lb/gal)	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.2	Y		Specialty Coating High Gloss VOC $\leq$ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.3	Y		Specialty Coating Heat Resistant VOC $\leq$ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.4	Y		Specialty Coating High Performance Architectural VOC $\leq$ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.5	Y		Specialty Coating Metallic Topcoat VOC $\leq$ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.7	Y		Specialty Coating Pretreatment Wash Primer VOC $\leq$ 420 g/l (3.5 lb/gal);	BAAQMD 8-19-501	P/E	Records	CC

**VII. Applicable Limits and Compliance Monitoring Requirements****Table VII – C****S8 – REVERSE AIRFLOW AUTO-TRACK SPRAY BOOTH****S9 – CUSTOM AIR AUTO SPRAY BOOTH**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
VOC	BAAQMD 8-19-312.8	Y		Specialty Coating Silicone Release VOC $\leq 420 \text{ g/l (3.5 lb/gal)}$ ;	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.9	Y		Specialty Coating Solar Absorbant VOC $\leq 420 \text{ g/l (3.5 lb/gal)}$ ;	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.12	Y		Specialty Coating Extreme Performance VOC $\leq 420 \text{ g/l (3.5 lb/gal)}$ ;	BAAQMD 8-19-501	P/E	Records	CC
VOC	BAAQMD 8-19-312.13	Y		Specialty Coating High Temperature VOC $\leq 420 \text{ g/l (3.5 lb/gal)}$ ;	BAAQMD 8-19-501	P/E	Records	CC

**Table VII – C1****S8 – REVERSE AIRFLOW AUTO-TRACK SPRAY BOOTH**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
Through-put	Condition # 7502, Part 1	Y		Coating Usage $\leq 250 \text{ gals/yr}$	Condition # 7502, Part 3	P/A	Records	CC
Through-put	Condition # 7502, Part 2	Y		Net Clean-up Solvent Usage $\leq 125 \text{ gals/yr}$	Condition # 7502, Part 3	P/A	Records	CC

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII – C2**  
**S9 – CUSTOM AIR AUTO SPRAY BOOTH**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2015 Compliance Status
Through-put	Condition # 7502, Part 4	Y		Coating Usage $\leq$ 250 gals/yr	Condition # 7502, Part 6	P/A	Records	CC
Through-put	Condition # 7502, Part 5	Y		Net Clean-up Solvent Usage $\leq$ 125 gals/yr	Condition # 7502, Part 6	P/A	Records	CC

**Table VII – D**  
**Applicable Limits and Compliance Monitoring Requirements**

**S14 – HIGH TEMPERATURE HOT WATER GENERATOR**

**S15 – HIGH TEMPERATURE HOT WATER GENERATOR**

**S16 – HIGH TEMPERATURE HOT WATER GENERATOR**

**S17 – HIGH TEMPERATURE HOT WATER GENERATOR**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2015 Compliance Status
NO <sub>x</sub>	SIP 9-7-301.1	Y		30 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	None	N	None	NA
NO <sub>x</sub> (S14 and S15)	Condition # 24716, Part 1	Y		9 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	None	N	None	NA
NO <sub>x</sub> (S14 and S15)	Condition # 24716, Part 2	Y		100 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average (fuel oil fired)	None	N	None	NA
NO <sub>x</sub> (S16 and S17)	Condition # 25080, Part 4	Y		9 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	Condition # 25080, Part 7	P/2 years	Source Test	CC
NO <sub>x</sub>	BAAQMD 9-7-307.5	N		9 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	BAAQMD 9-7-403 9-7-506	P/A	Source Test	CC
NO <sub>x</sub> (S14 and S15)	BAAQMD 9-7-113.2 SIP 9-7-305.1	Y		150 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	None	N	None	NA

**VII. Applicable Limits and Compliance Monitoring Requirements****Table VII – D****Applicable Limits and Compliance Monitoring Requirements****S14 – HIGH TEMPERATURE HOT WATER GENERATOR****S15 – HIGH TEMPERATURE HOT WATER GENERATOR****S16 – HIGH TEMPERATURE HOT WATER GENERATOR****S17 – HIGH TEMPERATURE HOT WATER GENERATOR**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
NO <sub>x</sub> (S14 and S15)	BAAQMD 9-7-113.2 SIP 9-7-306.1	Y		150 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	None	N	None	NA
CO	SIP 9-7-301.2	Y		400 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	None	N	None	NA
CO	BAAQMD 9-7-307.5	N		400 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	BAAQMD 9-7-403 9-7-506	P/A	Source Test	CC
CO	SIP 9-7-305.2	Y		400 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	None	N	None	NA
CO	SIP 9-7-306.2	Y		400 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	None	N	None	NA
CO (S14 and S15)	Condition # 24716, Part 1	Y		50 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	None	N	None	NA
CO (S14 and S15)	Condition # 24716, Part 2	Y		50 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average (fuel oil fired)	None	N	None	NA
CO (S16 and S17)	Condition # 25080, Part 5	Y		50 ppmv @ 3%O <sub>2</sub> , dry, 3-hr average	Condition # 25080, Part 7	P/2 years	Source Test	NA
Opacity (S14 and S15)	BAAQMD 6-1-301 SIP 6-301	Y		Ringelmann 1.0 for < 3 minutes in any hour	Condition # 24716, Part 7	P/1000 gallons of Fuel Oil	Visible Emissions Check	NA
FP (S14 and S15)	BAAQMD 6-1-310.3 SIP 6-310.3	Y		0.15 gr/dscf at 6% O <sub>2</sub>	Condition # 24716, Part 7	P/1000 gallons of Fuel Oil	Visible Emissions Check	NA

**VII. Applicable Limits and Compliance Monitoring Requirements****Table VII – D****Applicable Limits and Compliance Monitoring Requirements****S14 – HIGH TEMPERATURE HOT WATER GENERATOR****S15 – HIGH TEMPERATURE HOT WATER GENERATOR****S16 – HIGH TEMPERATURE HOT WATER GENERATOR****S17 – HIGH TEMPERATURE HOT WATER GENERATOR**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 Compliance Status
SO2	BAAQMD 9-1-301	Y		GLC <sup>1</sup> ≤0.5 ppm for 3 min or ≤0.25 ppm for 60 min or ≤0.05 ppm for 24 hours	None	N	None	NA
SO2	BAAQMD 9-1-302	Y		SO2 shall not exceed 300 ppm (dry)	None	N	None	NA
SO2	BAAQMD 9-1-304	Y		Sulfur Content of Fuel Oil ≤ 0.5 wt%	Condition # 24716, Part 6	P/E	Fuel Oil Certification	Y
Heat Input (S14 and S15)	Condition # 24716, Part 3	Y		Natural Gas not to exceed 4,500,000 therms/Consecutive 12-months	Condition # 24716, Part 4	P/M	Records	CC
Heat Input (S16)	Condition # 25080, Part 2	Y		Natural Gas not to exceed 1,217,260 therms/Consecutive 12-months	Condition # 25080, Part 3	P/M	Records	CC
Heat Input (S17)	Condition # 25080, Part 2	Y		Natural Gas not to exceed 1,208,390 therms/Consecutive 12-months	Condition # 25080, Part 3	P/M	Records	CC
Total Heat Input (S14 through S17)	Condition # 25080, Part 2	Y		Natural Gas not to exceed 1,560 therms/hour	Condition # 25080, Part 3	P/M	Records	CC

**VII. Applicable Limits and Compliance Monitoring Requirements****Table VII – D****Applicable Limits and Compliance Monitoring Requirements****S14 – HIGH TEMPERATURE HOT WATER GENERATOR****S15 – HIGH TEMPERATURE HOT WATER GENERATOR****S16 – HIGH TEMPERATURE HOT WATER GENERATOR****S17 – HIGH TEMPERATURE HOT WATER GENERATOR**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
Equipment Testing	BAAQMD 9-7-113.1 SIP 9-7-306.3	Y		Hours of Equipment Testing $\leq$ 48/yr	BAAQMD 9-7-503.3 & Condition # 18329 Part 6	P/E	Records	CC

**Table VII – F****S100 - MUNICIPAL WASTEWATER TREATMENT PLANT; S110 - PRELIMINARY TREATMENT;****S121 SEQUENTIAL BATCH REACTOR NO. 1; S122 SEQUENTIAL BATCH REACTOR NO. 2; S123 SEQUENTIAL BATCH REACTOR NO. 3; S131 INFLUENT FLOW EQUALIZATION BASIN NO. 1 (FORMERLY S120); S132 INFLUENT FLOW EQUALIZATION BASIN NO. 2 (FORMERLY S130); S133 EFFLUENT FLOW EQUALIZATION BASIN;****S150 - (SLUDGE HANDLING PROCESSES)DISINFECTION;****S160 - SLUDGE HANDLING PROCESSES; S161 WASTE HOLDING TANK (FORMERLY S140); S180 – RECLAMATION;****S200 - INDUSTRIAL WASTEWATER PLANT; S210 - PRIMARY TREATMENT;****S220 - FLOW EQUALIZATION; S230 - SECONDARY TREATMENT;****S240 - SECONDARY CLARIFIERS; S250 – DISINFECTION;****S260 - SLUDGE HANDLING PROCESSES**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
Opacity	BAAQMD 6-1-301 SIP 6-301	Y		Ringelmann 1.0 for < 3 minutes in any hour	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y



**VII. Applicable Limits and Compliance Monitoring Requirements****Table VII – F**

**S100 -MUNICIPAL WASTEWATER TREATMENT PLANT; S110 - PRELIMINARY TREATMENT;**

**S121 SEQUENTIAL BATCH REACTOR NO. 1; S122 SEQUENTIAL BATCH REACTOR NO. 2; S123 SEQUENTIAL BATCH REACTOR NO. 3; S131 INFLUENT FLOW EQUALIZATION BASIN NO. 1 (FORMERLY S120); S132 INFLUENT FLOW EQUALIZATION BASIN NO. 2 (FORMERLY S130); S133 EFFLUENT FLOW EQUALIZATION BASIN;**

**S150 - (SLUDGE HANDLING PROCESSES)DISINFECTION;**

**S160 - SLUDGE HANDLING PROCESSES; S161 WASTE HOLDING TANK (FORMERLY S140); S180 – RECLAMATION;**

**S200 - INDUSTRIAL WASTEWATER PLANT; S210 - PRIMARY TREATMENT;**

**S220 - FLOW EQUALIZATION; S230 - SECONDARY TREATMENT;**

**S240 - SECONDARY CLARIFIERS; S250 – DISINFECTION;**

**S260 - SLUDGE HANDLING PROCESSES**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014 Compliance Status
FP	BAAQMD 6-1-310 SIP 6-310	Y		0.15 gr/dscf	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y
VOC	BAAQMD 8-2-301	Y		Emissions may not exceed 300 ppm total carbon, dry, and 15 lb/day/source	None	N	None	NA
Through-put	BAAQMD Condition # 18329 Part 1	Y		Industrial Wastewater Discharge < 1.7 E6 gal/day during November through May; < 1.2 E6 gal/day during June through October	BAAQMD Condition # 18329 Part 3	P/D & P/M	Records	CC
Through-put	BAAQMD Condition # 18329 Part 2	Y		Sanitary Sewer Discharge < 2.2 E6 gal/day	BAAQMD Condition # 18329 Part 3	P/D & P/M	Records	CC

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII – G**  
**S170 - ANAEROBIC DIGESTERS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
Opacity	BAAQMD 6-1-301 SIP 6-301	Y		Ringelmann 1.0 for < 3 minutes in any hour	BAAQMD 6-1-401	P/E	Visible Emissions Check	CC
FP	BAAQMD 6-1-310 SIP 6-310	Y		0.15 gr/dscf	BAAQMD 6-1-401	P/E	Visible Emissions Check	Y
VOC	BAAQMD 8-2-301	Y		Emissions may not exceed 300 ppm total carbon, dry, and 15 lb/day/source	None	N	None	NA
Odors	BAAQMD 1-301	N		None	BAAQMD Condition # 18329 Part 5	P/E	Records	CC
H <sub>2</sub> S	BAAQMD Regulation 9-2-301	N		0.06 ppm H <sub>2</sub> S over 3 min or 0.03 ppm H <sub>2</sub> S over 60 min	None	N	None	NA
Digester Gas Sulfur Content	BAAQMD Condition 18329 Part 6	Y		2,250 ppm	BAAQMD Condition 18329 Part 7	P/W (Monthly monitoring, as allowed per VI, Permit Conditions, Condition #18329, No. 7	Weekly digester gas testing	CC

Facility Name: San Francisco International Airport

Permit for Facility #: A1784

April 1, 2014 – March 31, 2015 Annual Compliance Certification and Semi-annual Monitoring Report

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – H**  
**S270 - 1850 HP DIESEL FIELD LIGHTING GENERATOR #1**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014 Compliance Status
Opacity	BAAQMD 6-1-303 SIP 6-303	Y		Ringelmann 2.0 for < 3 minutes in any hour	Condition # 18324, Part 1	P/1000 gal fuel oil	Visible Emissions Check	CC
FP	BAAQMD 6-1-310 SIP 6-310	Y		0.15 gr/dscf	Condition # 18324, Part 1	P/1000 gal fuel oil	Visible Emissions Check	CC
Diesel Particulate Matter	CCR, Title 17, Section 93115.6(b)(3)(A)(1)(a)	N		> 0.40 g/bhp-hr for 20 hour/year operating limit	None	N	None	NA
SO2	BAAQMD 9-1-301	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	Condition # 18324, Part 4	P/E	Fuel Oil Certification	Y
SO2	BAAQMD 9-1-302	Y		SO2 shall not exceed 300 ppm (dry)	Condition # 18324, Part 4	P/E	Fuel Oil Certification	Y
SO2	BAAQMD 9-1-304	Y		Sulfur Content of Fuel Oil ≤ 0.5 wt%	Condition # 18324, Part 4	P/E	Fuel Oil Certification	Y
Emergency	BAAQMD 9-8-331.1 & Condition # 18324 Part 2b	N		Unlimited Emergency Operation	BAAMQD 9-8-530 & Condition # 18324 Part 3b	P/M	Records	CC
Reliability Related Activities	BAAQMD 9-8-331.3 & Condition # 18324 Part 2a	N		Hours of Reliability Related Activities ≤ 100/yr	BAAMQD 9-8-530 & Condition # 18324 Part 3b	P/M	Records	CC

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII – H**  
**S270 - 1850 HP DIESEL FIELD LIGHTING GENERATOR #1**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
Reliability Related Activities	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(a) & Condition 22820 Part 1	N		Hours of Reliability Related Activities $\leq$ 20/yr	BAAMQD 9-8-530 & Condition # 22820 Part 4	P/M	Records	CC

**Table VII - I**  
**S-29, S-290, S-320 THROUGH S-340 AND S-360 THROUGH S-550 EMERGENCY GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
Opacity	BAAQMD 6-1-303 SIP 6-303	Y		Ringelmann 2.0 for < 3 minutes in any hour	Condition # 18666, Part 1	P/1000 gal fuel oil	Visible Emissions Check	CC
FP	BAAQMD 6-1-310 SIP 6-310	Y		0.15 gr/dscf	Condition # 18666, Part 1	P/1000 gal fuel oil	Visible Emissions Check	CC
Diesel Particulate Matter	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(a)	N		> 0.40 g/bhp-hr for 20 hour/year operating limit	None	N	None	NA
SO <sub>2</sub>	BAAQMD 9-1-301	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	Condition # 18666, Part 4	P/E	Fuel Oil Certification	Y
SO <sub>2</sub>	BAAQMD 9-1-302	Y		SO <sub>2</sub> shall not exceed 300 ppm (dry)	Condition # 18666, Part 4	P/E	Fuel Oil Certification	Y

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII - I**  
**S-29, S-290, S-320 THROUGH S-340 AND S-360 THROUGH S-550 EMERGENCY**  
**GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 Compliance Status
SO2	BAAQMD 9-1-304	Y		Sulfur Content of Fuel Oil $\leq 0.5$ wt%	Condition # 18666, Part 4	P/E	Fuel Oil Certification	Y
Emergency	BAAQMD 9-8-330.1 & Condition # 18666 Part 2b	N		Unlimited Emergency Operation	BAAMQD 9-8-530 & Condition # 18666 Part 3b	P/M	Records	CC
Reliability Related Activities	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(a) & Condition 22820 Part 1	N		Hours of Reliability Related Activities $\leq 20$ /yr	BAAMQD 9-8-530 & Condition # 22820 Part 4	P/M	Records	CC
Reliability Related Activities	BAAQMD 9-8-330.3 & Condition # 18666 Part 2a	N		Hours of Reliability Related Activities $\leq 50$ /yr	BAAMQD 9-8-530 & Condition # 18666 Part 3b	P/M	Records	CC

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII - J**  
**S640 THROUGH S720 EMERGENCY GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
NMHC + NOx S680, S690, S700 and S710	CCR, Title 17, Section 93115.6(a)(3)(B)	N		4.8 g/bhp-hr	CCR, Title 17, Section 93115.10(a)(3)	P/E	Initial Report of Engine Emission Factors	CC
NMHC + NOx S680, S690, S700 and S710	40 CFR 60.4205(b)	Y		4.8 g/bhp-hr	40 CFR 60.4211(a)	C	Operate and maintain per mfg instructions	CC
CO S680, S690, S700 and S710	CCR, Title 17, Section 93115.6(a)(3)(B)	N		2.6 g/bhp-hr	CCR, Title 17, Section 93115.10(a)(3)	P/E	Initial Report of Engine Emission Factors	CC
CO S680, S690, S700 and S710	40 CFR 60.4205(b)	Y		2.6 g/bhp-hr	40 CFR 60.4211(a)	C	Operate and maintain per mfg instructions	CC
Opacity	BAAQMD 6-1-303 SIP 6-303	Y		Ringelmann 2.0 for < 3 minutes in any hour	BAAQMD 6-1-401	P/E	Visible Emissions Check	CC
PM S680, S690, S700 and S710	CCR, Title 17, Section 93115.6(a)(3)(B)	N		0.15 g/bhp-hr	CCR, Title 17, Section 93115.10(a)(3)	P/E	Initial Report of Engine Emission Factors	CC
PM S680, S690, S700 and S710	40 CFR 60.4205(b)	Y		0.15 g/bhp-hr	40 CFR 60.4211(a)	C	Operate and maintain per mfg instructions	CC

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII - J**  
**S640 THROUGH S720 EMERGENCY GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014 Compliance
FP	BAAQMD 6-1-310 SIP 6-310	Y		0.15 gr/dscf	None	N	None	NA
Diesel Particulate Matter	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(a)	N		> 0.40 g/bhp-hr for 20 hour/year operating limit	None	N	None	NA
Diesel Particulate Matter	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(b)	N		< 0.40 g/bhp-hr for 30 hour/year operating limit	None	N	None	NA
Diesel Particulate Matter	CCR, Title 17, Section 93115.6(b) (3)(A)(2)(b)	N		< 0.15 g/bhp-hr for 20 hour/year operating limit	None	N	None	NA
SO <sub>2</sub>	BAAQMD 9-1-301	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	None	N	None	NA
SO <sub>2</sub> S640	BAAQMD 9-1-301	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	Condition # 22356, Part 1	P/E	Fuel Oil Certification	Y
SO <sub>2</sub> S650	BAAQMD 9-1-301	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	Condition # 22357, Part 1	P/E	Fuel Oil Certification	Y
SO <sub>2</sub> S660	BAAQMD 9-1-301	Y		GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours	Condition # 22336, Part 1	P/E	Fuel Oil Certification	Y

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII - J**  
**S640 THROUGH S720 EMERGENCY GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
SO2	BAAQMD 9-1-302	Y		SO2 shall not exceed 300 ppm (dry)	None	N	None	NA
SO2 S640	BAAQMD 9-1-302	Y		SO2 shall not exceed 300 ppm (dry)	Condition # 22356, Part 1	P/E	Fuel Oil Certification	Y
SO2 S650	BAAQMD 9-1-302	Y		SO2 shall not exceed 300 ppm (dry)	Condition # 22357, Part 1	P/E	Fuel Oil Certification	Y
SO2 S660	BAAQMD 9-1-302	Y		SO2 shall not exceed 300 ppm (dry)	Condition # 22336, Part 1	P/E	Fuel Oil Certification	Y
SO2	BAAQMD 9-1-304	Y		Sulfur Content of Fuel Oil $\leq 0.5$ wt%	None	N	None	NA
SO2 S640	BAAQMD 9-1-304	Y		Sulfur Content of Fuel Oil $\leq 0.5$ wt%	Condition # 22356, Part 1	P/E	Fuel Oil Certification	Y
SO2 S650	BAAQMD 9-1-304	Y		Sulfur Content of Fuel Oil $\leq 0.5$ wt%	Condition # 22357, Part 1	P/E	Fuel Oil Certification	Y
SO2 S660	BAAQMD 9-1-304	Y		Sulfur Content of Fuel Oil $\leq 0.5$ wt%	Condition # 22336, Part 1	P/E	Fuel Oil Certification	Y
SO2	CCR, Title 17, Section 93115.5	Y		Sulfur Content of Fuel Oil $\leq 0.05$ wt% (CARB Diesel)	None	N	None	NA
SO2 S640	Condition # 22356, Part 1	Y		Sulfur Content of Fuel Oil $\leq 0.05$ wt%	Condition # 22356, Part 1	P/E	Fuel Oil Certification	Y
SO2 S650	Condition # 22357, Part 1	Y		Sulfur Content of Fuel Oil $\leq 0.05$ wt%	Condition # 22357, Part 1	P/E	Fuel Oil Certification	Y
SO2 S660	Condition # 22336, Part 1	Y		Sulfur Content of Fuel Oil $\leq 0.05$ wt%	Condition # 22336, Part 1	P/E	Fuel Oil Certification	Y
SO2	40 CFR 60.4207(b)	Y		Use diesel fuel that meets 15 ppm sulfur content per 40 CFR 80.510(b) for nonroad diesel	None	N	N/A	NA



**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII - J**  
**S640 THROUGH S720 EMERGENCY GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
Emergency	BAAQMD 9-8-330.1	N		Unlimited Emergency Operation	BAAMQD 9-8-530	P/M	Records	CC
Emergency S640	Condition # 22356 Part 2	N		Unlimited Emergency Operation	Condition # 22356 Part 6	P/M	Records	CC
Emergency S650	Condition # 22357 Part 2	N		Unlimited Emergency Operation	Condition # 22357 Part 6	P/M	Records	CC
Emergency S660	Condition # 22336 Part 2	N		Unlimited Emergency Operation	Condition # 22336 Part 6	P/M	Records	CC
Emergency S680 S710	Condition # 22820 Part 2	N		Unlimited Emergency Operation	Condition # 22820 Part 4	P/M	Records	CC
Emergency S690 S700	Condition # 22825 Part 2	N		Unlimited Emergency Operation	Condition # 22825 Part 4	P/M	Records	CC
Emergency S670	Condition # 22850 Part 2	N		Unlimited Emergency Operation	Condition # 22850 Part 4	P/M	Records	CC
Reliability Related Activities S640	CCR, Title 17, Section 93115.6(b) (3)(A)(2)(b) & Condition # 22356 Part 2	N		Hours of Reliability Related Activities ≤ 50/yr	CCR, Title 17, Section 93115.10(g) & Condition # 22356 Part 6	P/M	Records	CC

**VII. Applicable Limits and Compliance Monitoring Requirements**

**Table VII - J**  
**S640 THROUGH S720 EMERGENCY GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 compliance status
Reliability Related Activities S650	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(b) & Condition # 22357 Part 2	N		Hours of Reliability Related Activities $\leq$ 30/yr	CCR, Title 17, Section 93115.10(g) & Condition # 22357 Part 6	P/M	Records	CC
Reliability Related Activities S660	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(b) & Condition # 22336 Part 2	N		Hours of Reliability Related Activities $\leq$ 30/yr	CCR, Title 17, Section 93115.10(g) & Condition # 22336 Part 6	P/M	Records	CC
Reliability Related Activities S670	CCR, Title 17, Section 93115.6(b) (3)(A)(2)(b) & Condition 22850 Part 1	N		Hours of Reliability Related Activities $\leq$ 50/yr	CCR, Title 17, Section 93115.10(g) & Condition # 22850 Part 4	P/M	Records	CC
Reliability Related Activities S680 S710	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(a) & Condition 22820 Part 1	N		Hours of Reliability Related Activities $\leq$ 20/yr	CCR, Title 17, Section 93115.10(g) & Condition # 22820 Part 4	P/M	Records	CC

Facility Name: San Francisco International Airport

Permit for Facility #: A1784

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## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - J**  
**S640 THROUGH S720 EMERGENCY GENERATORS**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	2014-2015 Compliance
Reliability Related Activities S690 & S700	CCR, Title 17, Section 93115.6(b) (3)(A)(1)(b) & Condition 22825 Part 1	N		Hours of Reliability Related Activities $\leq$ 25/yr	CCR, Title 17, Section 93115.10(g) & Condition # 22825 Part 4	P/M	Records	CC